



Wisconsin

2020 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.5	3.1	<small>(<1.0)</small> 3.2	<small>(1.0-2.5)</small> 29.9	<small>(2.5-5.0)</small> 55.5	<small>(5.0-7.0)</small> 8.3	<small>(7.0+)</small> 3.1
Phosphorus (P1), ppm	51	58	<small>(<10)</small> 7.2	<small>(10-20)</small> 2.5	<small>(20-30)</small> 29.0	<small>(30-50)</small> 14.3	<small>(50+)</small> 32.3
Phosphorus (P2), ppm	68	68	<small>(<14)</small> 3.5	<small>(14-29)</small> 23.9	<small>(29-44)</small> 23.9	<small>(44-74)</small> 17.7	<small>(74+)</small> 31.0
Bicarbonate P, ppm	71	29	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 33.3	<small>(45+)</small> 66.7
Potassium (K), ppm	140	71					
K, % Base Saturation	3.2	1.4	<small>(<0.74)</small> 1.0	<small>(0.74-1.46)</small> 10.9	<small>(1.47-2.92)</small> 51.2	<small>(2.93-4.38)</small> 26.3	<small>(>4.38)</small> 10.8
Magnesium (Mg), ppm	433	204					
Mg, % Base Saturation	28.8	6.3	<small>(<5)</small> 0.3	<small>(5-10)</small> 1.4	<small>(10-15)</small> 2.9	<small>(15-25)</small> 15.6	<small>(25+)</small> 79.8
Calcium (Ca), ppm	1423	994					
Ca, % Base Saturation	59.5	8.6	<small>(<45)</small> 5.3	<small>(45-55)</small> 13.0	<small>(55-75)</small> 78.6	<small>(75-85)</small> 2.5	<small>(85+)</small> 0.7
pH (1:1)	6.6	0.7	<small>(<5.1)</small> 1.4	<small>(5.1-5.8)</small> 11.9	<small>(5.9-6.9)</small> 50.8	<small>(7.0-7.5)</small> 29.3	<small>(>7.5)</small> 6.5
CEC, meq/100g	14.5	4.9	<small>(<3.1)</small> 2.4	<small>(3.1-8.0)</small> 20.0	<small>(8.1-15.0)</small> 58.0	<small>(15.1-25.0)</small> 17.8	<small>(>25.0)</small> 1.9
Sulfur (S), ppm	9	25.5	<small>(<4)</small> 3.8	<small>(4-7)</small> 48.9	<small>(8-12)</small> 37.7	<small>(13-17)</small> 6.0	<small>(>17)</small> 3.6
Zinc (Zn), ppm	4.5	3.6	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 31.0	<small>(3.0-4.9)</small> 40.7	<small>(5.0-10.0)</small> 23.9	<small>(>10.0)</small> 4.4
Manganese (Mn), ppm	51	16	<small>(<6)</small> 1.4	<small>(6-14)</small> 1.3	<small>(15-19)</small> 1.6	<small>(20-49)</small> 45.0	<small>(>49)</small> 50.6
Iron (Fe), ppm	34	25		<small>(<5)</small> 3.8	<small>(5-9)</small> 4.3	<small>(10-50)</small> 76.3	<small>(>50)</small> 15.6
Copper (Cu), ppm	1.6	1.2		<small>(<0.4)</small> 0.4	<small>(0.4-1.1)</small> 43.2	<small>(1.2-3.0)</small> 47.7	<small>(>3.0)</small> 8.7
Boron (B), ppm	0.6	0.5	<small>(<0.4)</small> 33.2	<small>(0.4-0.5)</small> 23.9	<small>(0.6-1.2)</small> 32.8	<small>(1.3-2.5)</small> 8.9	<small>(>2.5)</small> 1.3
Nitrate (NO ₃ -N), ppm	17.3	16.0	<small>(<5)</small> 13.3	<small>(5-9)</small> 28.1	<small>(10-19)</small> 26.5	<small>(20-39)</small> 21.9	<small>(>39)</small> 10.2